

20001205.qrp v02_n027.qrl.20001205

Date: Tue, 5 Dec 2000 19:03:06 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2027

QRP-L Digest 2027

Topics covered in this issue include:

- 1) [85463] Re: O'Scopes
by Steve Yates - AA5TB <aa5tb@arrl.net>
- 2) [85464] Re: December Bacon Bits
by "w8diz" <w8diz@cinci.rr.com>
- 3) [85465] Square-Conductor Transmission Lines
by Charles K Brown <n4so@juno.com>
- 4) [85466] Warblers "pending orders" list updated
by "George Heron N2APB" <n2apb@erols.com>
- 5) [85467] Re: DK9SQ end-plug pops off!
by "Ralf K. Buschner" <r_buschner@knuut.de>
- 6) [85468] Re: [85393] Re: MIZUHO 10m qrp handheld
by Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
- 7) [85469] FOX: my turn!12/5 (UTC)
by Dan Presley <talljazz@teleport.com>
- 8) [85470] Fox:where is he?
by "TC Dufresne" <tdufres@radiks.net>
- 9) [85471] IC-735 price reduce!
by David M Kopacki <kf2ew@juno.com>
- 10) [85472] Re: Fox:where is he?
by "Michael Melland" <badger@vbe.com>
- 11) [85473] QRP Light Pens are gone!
by "George Heron N2APB" <n2apb@erols.com>
- 12) [85474] For Sale Tkit 1330
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 13) [85475] VP5/AA5B
by "Tom Whalen" <wb5qyt@abq.com>
- 14) [85476] Extended SLV
by "Tom Whalen" <wb5qyt@abq.com>
- 15) [85477] VP5/AA5B
by "Tom Whalen" <wb5qyt@abq.com>
- 16) [85478] Re: Osc-phase noise-fm'ing
by Jeff Furman <jfurman@ocs.net>
- 17) [85479] Zener Diode Substitution
by "Mark Fancher" <mmfancher@earthlink.net>
- 18) [85480] Re: QRP Light Pens are gone!
by baltimoremd@baltimoremd.com
- 19) [85481] ARCI Homebrew Sprint - Tuna Tin 2 - 20 Log (VE7SL)

- by "Steve McDonald" <jsm@gulfislands.com>
- 20) [85482] Re: QRP Light Pens are gone!
by "George Heron N2APB" <n2apb@erols.com>
- 21) [85483] RAC Winter & Summer contests
by Bruce Rattray <rattray@gpfn.sk.ca>
- 22) [85484] K1 #205 QRV for Spartan Sprint
by Michael C Boatright <ko4wx@mindspring.com>
- 23) [85485] Re: Zener Diode Substitution
by K5BDZ@aol.com
- 24) [85486] FOX Cub Hunt 12/4/2000 - Results
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
- 25) [85487] FOX Cub Hunt 12/4/2000 - Results - first round of corrections
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
- 26) [85488] Once again, the Happy Dance
by "Bob Tellefsen" <n6wg@earthlink.net>
- 27) [85489] Re: Cold Wx Power Source (Was "The Volter")
by George Gingell <k3tks@u1.abs.net>
- 28) [85490] Re: DK9SQ end-plug pops off!
by ABCQRP <w6abc@yahoo.com>
- 29) [85491] Is it QRM or QRN?? or??????
by RangerSF5@aol.com
- 30) [85492] FOX: extra info for Tuesday's run
by Dan Presley <talljazz@teleport.com>
- 31) [85493] Ventured up above 7.150 last night...
by "Paul R. Valko" <prvalko@oakland.edu>
- 32) [85494] Re: FOX Cub Hunt 12/4/2000 - Results
by "Brian" <brian@iquest.net>
- 33) [85495] Mic Pre-amp Kits
by Bob Hightower <nk7m@extremezone.com>
- 34) [85496] RE: Is ten meters open 24 hours a day?
by ed.kwik@delphiauto.com
- 35) [85497] Re: FOX Cub Hunt 12/4/2000 - Results
by Macstein@aol.com
- 36) [85498] PBS to air Tesla Special
by "Brian" <brian@iquest.net>
- 37) [85499] Re: PBS to air Tesla Special
by "Mike Yetsko" <myetsko@insydesw.com>
- 38) [85500] Square Coax
by George Murphy <VE3ERP@ENCODE.COM>
- 39) [85501] WTB: QRP 20M CW Rig
by WB9MII@aol.com
- 40) [85502] Re: Is it QRM or QRN?? or??????
by Steve Yates - AA5TB <aa5tb@arrl.net>
- 41) [85503] RE: Is it QRM or QRN?? or??????
by Vic Winton <Vic.Winton@trafford-press.com>
- 42) [85504] ARCI 40-Year Anniversary Issue of the QRP Quarterly
by "Craig W. Behrens" <craigwb@hiwaay.net>
- 43) [85505] Re: Is ten meters open 24 hours a day?

by Michael Neverdosky <mneverdosky@earthlink.net>
44) [85506] Re: Is it QRM or QRN?? or?????
by RangerSF5@aol.com
45) [85507] Re: Is it QRM or QRN?? or?????
by RangerSF5@aol.com
46) [85508] Re: WTB: QRP 20M CW Rig
by RangerSF5@aol.com
47) [85509] Re: Square Coax
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
48) [85510] Re: SMK-1 I
by NB6M@aol.com
49) [85511] Re: Is it QRM or QRN?? or?????
by Ray Colbert <w5xe@juno.com>
50) [85512] Re: Is it QRM or QRN?? or?????
by William R Colbert <w5xe@juno.com>
51) [85513] Contest: ARS Sprint
by Dean W Manley <kh6b@juno.com>
52) [85514] Re: Zener Diode Substitution
by NB6M@aol.com
53) [85515] QRP-ARCI HB Sprint results
by "Rod Cerkoney" <n0rc@hotmail.com>
54) [85516] bilfilar winding questions
by "Rod Cerkoney" <n0rc@hotmail.com>
55) [85517] Re: bilfilar winding questions
by "Rod Cerkoney" <n0rc@hotmail.com>
56) [85518] CW contests and reality
by "Ron, KU7Y" <ku7y@qsl.net>
57) [85519] Re: bilfilar winding questions
by Phil Wheeler <w7ox@earthlink.net>
58) [85520] Re: bilfilar winding questions
by Chris Trask <ctrask@primenet.com>
59) [85521] Re: CW contests and reality
by Bill Coleman <aa4lr@arrl.net>
60) [85522] Michigan QRP Net Tonight
by ed.kwik@delphiauto.com
61) [85523] Re: Cold Wx Power Source (Was "The Volter")
by "Stuart Rohre" <rohre@arlut.utexas.edu>
62) [85524] Re: CW contests and reality
by "Bob Tellefsen" <n6wg@earthlink.net>
63) [85525] FS: Audio Filters
by "Tim Cook" <timcook@erinet.com>
64) [85526] voltage converters
by "Bob Tellefsen" <n6wg@earthlink.net>
65) [85527] WANTED - 2 m converter for R-599
by n5ib@juno.com
66) [85528] FOX Cub Hunt 12/4/2000 - Final Results
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
67) [85529] NA5N's The Electronic Data Book where can I buy it?

by Ronnie Davis <ke4vpn@yahoo.com>
68) [85530] RE: NA5N's The Electronic Data Book where can I buy it?
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
69) [85531] Re: NA5N's The Electronic Data Book where can I buy it?
by Conway Yee <yee@bronze.lcs.mit.edu>
70) [85532] Re: NA5N - The Electronic Data Book - Index is available.
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
71) [85533] Re: fybo contest
by Bob Hightower <nk7m@extremezone.com>

Date: Mon, 04 Dec 2000 18:35:53 -0600
From: Steve Yates - AA5TB <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [85463] Re: O'Scopes
Message-ID: <002b01c05e53\$53cfd5c0\$e92abcd0@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

The local outfit here in Fort Worth is NORTEX Electronics Co. Their URL is:

<http://www.montagar.com/~patj/nortex.htm>

Be sure to check out the photos! This is what this place really looks like.

Old Lewis is pretty good about taking trades for equipment too. That's how I acquired my HP 1742A 'scope among other things. By the way, this place is an excellent source for air variable capacitors, vacuum tubes, high voltage capacitors, ancient knobs, power resistors, etc.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
aa5tb@arrl.net
<http://www.geocities.com/aa5tb>

Date: Mon, 4 Dec 2000 19:45:17 -0500
From: "w8diz" <w8diz@cinci.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>, <fpqrp-1@mpna.com>
Subject: [85464] Re: December Bacon Bits
Message-ID: <00fe01c05e54\$a32e7ad0\$7ecd1b41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Dan

Just wanted to congratulate you for another fine "Bacon-Bits"
newsletter. KEEP IT UP!!!

ditdit

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
FPqrp#-1 <http://home.cinci.rr.com/w8diz> [AOL-IM "w8diz"]

----- Original Message -----

From: <Shephed@aol.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, December 04, 2000 1:07 PM
Subject: December Bacon Bits

Hot off the press, the December issue of the Flying Pigs QRP Club's Bacon Bits
newsletter is now on-line for downloading at:
<http://www.mpna.com/fpqrp/news.html>

We at the Flying Pigs QRP Club hope each and everyone has a safe, and Happy
Holiday!

72, oo
Dan, N8IE

Date: Mon, 4 Dec 2000 17:10:53 -0600
From: Charles K Brown <n4so@juno.com>
To: qrp-l@lehigh.edu
Subject: [85465] Square-Conductor Transmission Lines
Message-ID: <20001204.172033.14406.5.n4so@juno.com>

One article from Nov. 2000 CQ mag. on page 60
"Low-Impedance, Parallel Square-Conductor Transmission
Lines, by VE3ERP George Murphy. Construction/dimensions.

NorCal qrp SMK-1 Transceiver?
SMK-1 contacts-- I will schedule a contact with anyone

who has recently built a NorCal SMK-1 and is testing the transmitter. Anyone still building the SMK-1???

EC5ACA/qrp 28.108 worked sked with Juanjo. Signals on the noise level but managed RST exchange. With other EC5 stations near 28.103.

On 20 meters, VU2TS, worked Ganesh on 14.003 at 1235Z following his calling CQ- Norcal 20 at 5 watts and 4 element beam.

Ken Brown N4S0
Mobile, AL EM50tk
NorCal 20 at 5 watts
4 element mono. yagi
Elecraft K1 on the work bench

GET INTERNET ACCESS FROM JUNO!

Juno offers FREE or PREMIUM Internet access for less!

Join Juno today! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Mon, 4 Dec 2000 20:56:32 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [85466] Warblers "pending orders" list updated
Message-ID: <00a601c05e5e\$989df780\$0100000a@gheron>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Warbler "Pending Orders" web page has been updated with a big batch of incoming envelopes that have just been processed.

This "Pending Orders" web page is located at
<http://www.njqrp.org/warbler/orders.html> . You can also get the list returned immediately by email by sending an email to EMBOT@NJQRP.ORG with SEND ORDERS in the body of the message.

73, George N2APB
n2apb@amsat.org

PS: Thanks to N2CX and YL for the outstanding order processing for the

NJQRP!!

Date: Tue, 5 Dec 2000 00:28:08 +0100 (CET)
From: "Ralf K. Buschner" <r_buschner@knuut.de>
To: Steve/n0tu <n0tu@webaccess.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [85467] Re: DK9SQ end-plug pops off!
Message-ID: <Pine.LNX.4.21.0012050014060.2123-100000@dl5mhk.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Steve,

On Mon, 4 Dec 2000, Steve/n0tu wrote:

> So I'm looking for ideas on a more
> rugged end cap for this mast. The one that comes with it is quite adequate
> in most cases I'm surebut the air temp on this outing was in about 10
> degrees and my guess is the rubber stopper had gotten pretty hard and shrunk
> slightly in size causing it to easily fall out. ...Oh well?

That Mast is worth each penny, isn't? My one is in the car all the time,
and a mounting "gear" is there too - it's a piece of steel tube, abt 2
feet long, and on the lower end is a steel profile, also abt 2 feet long,
a T profile. On half the length there is a "grip", similar to a stilt...
So you can ram in the ground, and put the Mast over the tube, 30 seconds
and the mast is erected and fixed.

Now to your question abt the end cap:

A lot of guys here in DL uses a Rubber cap, which you can find at a
plumber for example. They have these (cheap! you get it for a thanks!)
on the steel tubes, which they have on stock, at least here in DL, hi.
I got the hint from DK9SQ himself at the Ham Radio Fair in
Friedrichshafen, and it's ok since abt 3 years with the first cap.
Shure - if you use it for keeping you upright, it will go defective one
day, but: ask the next plumber for the onother one... ;-)

cu, Ralf, dl5mhk

Date: Mon, 4 Dec 2000 21:06:45 -0500 (EST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
To: qrp-1@Lehigh.EDU
Subject: [85468] Re: [85393] Re: MIZUHO 10m qrp handheld
Message-ID: <200012050206.VAA22097@panix2.panix.com>

If you don't mind a unit that looks like a CB HT, and probably won't do CW without a simple adapter (keyed audio oscillator), check out the Eagle Spitfire 454 at <http://www.copper.com>.

73, doug

Date: Mon, 4 Dec 2000 09:25:54 +0900
From: Junichi Nakajima <nakaji@crl.go.jp>
Content-Type: text/plain; charset=us-ascii

Hi,

Mizuho MX-10 is the best one to enjoy the SSN maximum.
The regular line-up are 7,21,50MHz. Mizuho sporadically made 3.5,14,18,24,28 and 144MHz version.
Especially 18 and 24 are the few. 28MHz is often found but not so many as the 7,21,50MHz.

Regular retail price is 32000yen in here. In Japanese aucion, you can find them between 10000-20000 yen depends its condition.

Sometimes U.S. QRPper told me the Mizuho is expensive.
But the QRP rig is the smallest reliable SSB/CW transceiver in your backpack.

JL1KRA, Junichi.

Date: Mon, 4 Dec 2000 18:48:54 -0800
From: Dan Presley <talljazz@teleport.com>
To: qrp-1@LeHigh.EDU
Subject: [85469] FOX: my turn!12/5 (UTC)
Message-ID: <v03007834b651a0933c22@[216.26.61.78]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

OK-are we all ready for another round?? It's my turn in the barrel this coming Tuesday (local date). UTC date/time is 12/5 0200-0400 UTC. There have been some outstanding efforts to date in the hunt, and I'll try to hold up my end. A couple of notes-remember that the band can 'go long' during the last part of the hunt,so if you're on that 'other coast', hang in and call me! I often hear 1's through 5's very well later on.

I will be listening up- from a minimum of .5 to 3Khz, and the exchange will be rather quick with the exception of your callsign at the beginning and end of my transmission. I will acknowledge by 'TU FOX', and if you're on top of it, hold your calls for a 'beat or two' after I turn it over in order to give me a chance to tune to the next hound. See if you can follow my pattern, and let's have fun!

Gear will be K2 and Delta loop with a backup of Corsair II and Gap Vertical-see you in my log!

Dan Presley-N7CQR-Portland, Or QRP-L #502

Date: Mon, 4 Dec 2000 21:08:42 -0600
From: "TC Dufresne" <tdufres@radiks.net>
To: <qrp-l@Lehigh.EDU>
Subject: [85470] Fox:where is he?
Message-ID: <004b01c05e68\$ad364a80\$20f31dce@server>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Any sightings? Thought I heard him around 7.141mHz but not sure.. (0300z)
KC0GXX

Date: Mon, 4 Dec 2000 21:05:03 -0500
From: David M Kopacki <kf2ew@juno.com>
To: qrp-l@lehigh.edu
Subject: [85471] IC-735 price reduce!
Message-ID: <20001204.210504.-16713273.0.kf2ew@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I recently posted my IC-735 for sale with a price of \$600.

I am reducing the price to \$500 plus shipping.

The rig is in mint condition with the protective plastic still over the lower switch set. It has the electronic keyer and 250 Hz CW filter installed. It includes the HM-12 mike and I will give you the QRP mod if you want it. It allows you to reduce the power of the rig right down to zero.

I am the original owner and it has never been in a smoking environment. There has never been a problem with it.

Thanks,
Mike

GET INTERNET ACCESS FROM JUNO!

Juno offers FREE or PREMIUM Internet access for less!

Join Juno today! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Mon, 4 Dec 2000 21:17:39 -0600

From: "Michael Melland" <badger@vbe.com>

To: <tdufres@radiks.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [85472] Re: Fox:where is he?

Message-ID: <002601c05e69\$ed29f1e0\$25844d40@0019896170>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

7.142.40 or so.....

----- Original Message -----

From: "TC Dufresne" <tdufres@radiks.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, December 04, 2000 9:08 PM

Subject: Fox:where is he?

> Any sightings? Thought I heard him around 7.141mHz but not sure.. (0300z)

> KCOGXX

>

>

Date: Mon, 4 Dec 2000 22:26:26 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [85473] QRP Light Pens are gone!
Message-ID: <017301c05e6b\$2849a300\$0100000a@gheron>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, it was an exciting couple of months but the supply of QRP Light pens from the NJQRP Club has been depleted and we won't be doing another batch for a while.

The NJQRP Club sold over 250 QRP Pens and we are applying all funds gained from this effort to the upcoming Atlanticon QRP Forum, being held in Timonium, MD on the weekend of March 29-30, 2001. At that fun-filled QRP weekend, attended by over 150 QRPers from all over the country, we bring in top QRP presenters for an all-day lineup of quality talks, and Friday+Saturday evenings of open house socializing, building contests and QRP vendor display tables. More details are at <http://www.njqrp.org/atlanticon> .

Our sincere "Thank You" goes out to everyone who ordered pens and supported this QRP activity. All reports coming back from those receiving the LED light pens have been very positive.

73, George N2APB n2apb@amsat.org
and Joe, N2CX n2cx@voicenet.com
for the NJQRP Club at <http://www.njqrp.org>

Date: Tue, 5 Dec 2000 03:42:02 -0000
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [85474] For Sale Tkit 1330
Message-ID: <002601c05e6d\$55467160\$9bfa070a@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a Tkit 1330 Thirty meter qrp rig for sale. I am the original owner and the rig is pristine cosmetically and electronically. It is in 'Stock' condition except for a VFO output to drive a OHR DD1. Price is \$70.00 plus shipping.

Please reply direct only.

Steve Sorrell, W8SFF

Date: Mon, 4 Dec 2000 19:00:49 -0700
From: "Tom Whalen" <wb5qyt@abq.com>
To: <qrp-l@lehigh.edu>
Subject: [85475] VP5/AA5B
Message-ID: <MABBIKAEJKMHLIDDGMCKAE0ACAAA.wb5qyt@abq.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bruce is on right now. Just worked him on 7.040. He is running 5 watts to a 2 ele yagi at 65 ft. Go get him!!!

72, Tom WB5QYT

Date: Mon, 4 Dec 2000 18:50:24 -0700
From: "Tom Whalen" <wb5qyt@abq.com>
To: <qrp-l@lehigh.edu>
Subject: [85476] Extended SLV
Message-ID: <MABBIKAEJKMHLIDDGMCKMENPCAAA.wb5qyt@abq.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

Will be using my DSW-40 and my new Extended SLV. Took the original 20ft SLV and added a 15ft base section. Will be running a 1/4 wave grnd mounted vertical. Only problem is, my counterpoise is on the lean side! Will be fun to try tonight....Hope to work a bunch of you...72, Tom WB5QYT..."Have spud will travel!"

Date: Mon, 4 Dec 2000 18:50:21 -0700
From: "Tom Whalen" <wb5qyt@abq.com>
To: <qrp-1@lehigh.edu>
Subject: [85477] VP5/AA5B
Message-ID: <MABBIKAEJKMHLIDDGMCKKENPCAAA.wb5qyt@abq.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

Just tried to work my ol' neighbor Bruce from VP5 land. He was just on 7.040 and maybe we will here him try to get on the Sprint tonight.

72, Tom WB5QYT..."Have spud will travel!"

Date: Mon, 4 Dec 2000 19:58:08 -0800 (PST)
From: Jeff Furman <jfurman@ocs.net>
To: David Shalita <davidr@cnmnetwork.com>
Cc: qrp-1@lehigh.edu
Subject: [85478] Re: Osc-phase noise-fm'ing
Message-ID: <Pine.LNX.4.21.0012041951370.23220-100000@ocs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

David, the noise that was observed could be caused by squegging or self quenching, this is easy to produce in vhf/uhf oscillators when the blocking capacitor-bias network time constants are just right. If you look in old enough Radio Amateur's Handbooks, say, post WW2 into the late 50's you will probably find a 440 MHz superregenerative receiver that uses an acorn tube or high frequency triode in a self quenching ultra audion circuit. The amplitude of the oscillator is severely modulated by the typically ultrasonic squegging effect. Examining the amplitude of the oscillator's output envelope on the scope will confirm this. A simple diode detector very lightly coupled, is useful here. This type of oscillator has been sucessfully used in tv tuners, but the coupling time constants are very short. Look in Milton Kiver's "Television Simplified" or Sam's Photofacts of the same era for tuner schematics.

73, Jeff AD6MX

--

[illegible]

<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>
<http://www.zerobeat.net>

Baltimore's Home Page
Home of the Baltimore Lexicon
Home of The QRP Web Ring
and Drake Mail List Pages

Date: Mon, 4 Dec 2000 20:47:10 -0800
From: "Steve McDonald" <jsm@gulfislands.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [85481] ARCI Homebrew Sprint - Tuna Tin 2 - 20 Log (VE7SL)
Message-ID: <001501c05e76\$7d15b3a0\$9a4bfea9@jms>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Fired up the new Tuna Tin 2 -20m model (380mW) this weekend briefly for the sprint. Had two short sessions in between 6m band openings. Since the Tin is xtal controlled on 14.062, I didn't have much choice but to stay put and call CQ.
I actually had a run of 8 stations during the second session!!

LOG:

AD6JY	CA	
K4BAI	GA	
KK5PJ	TX	
K07X	UT	
K4GT	GA	
N4SO	AL	(interestingly, I also worked W4SO and K4SO on 6m during the day)
WJ4P	SC	
N5UW	OK	
W7CNL	ID	
W0CH	MO	
W0RC	CO	
W4NJK	CA	
K6RPN	CA	
W9KV	CO	
W1PID	NH	
K1EQA	CO	
N5WL	OK	
N3LAZ	PA	
AD6GI	CA	
WA7SPY	CA	(sorry Glenn for getting your name wrong!)

POINTS (88) x SECTIONS (12) x POWER MULT (10) + 2000 (homebrew TX)
= 12,560 points

Would have like to operate the whole affair as it was a LOT of fun. Thanks
to all those that called.

Steve / VE7SL

Date: Mon, 4 Dec 2000 23:53:58 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: <baltimoremd@baltimoremd.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [85482] Re: QRP Light Pens are gone!
Message-ID: <025d01c05e77\$630a1c20\$0100000a@gheron>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Atlanticon QRP Forum is being held on March 30-31, 2001 at the Holiday
Inn Select in Timonium, MD (north side of Baltimore). Friday evening social
& vendor tables, all day Saturday QRPP talks, and Saturday evening homebrew
contest & special event. Details are located at the club website:
<http://www.njqrp.org/atlanticon>

On Sunday, many of the 150+ attending QRPers go down the street to the
fairgrounds to browse the popular Greater Baltimore Hamboree and
Computerfest (<http://www.gbhc.org/>)

73, George N2APB
n2apb@amsat.org
for the NJQRP Club at <http://www.njqrp.org>

=====
> from this effort to the upcoming Atlanticon QRP Forum, being held in
> Timonium, MD on the weekend of March 29-30, 2001.

29 is thursday...could it be March 31(Saturday) and April 1 (Sunday)??

Date: Mon, 4 Dec 2000 23:05:38 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [85483] RAC Winter & Summer contests
Message-ID: <Pine.LNX.3.95.1001204222443.5870A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am very pleased to announce that the "Canaday" logging program, written specifically for the RAC Summer & Winter contests a few years ago has been updated in several ways (i.e.- the new Territory Nunavut, VY0, has been added) and will be available this month, hopefully in less than a week, as a FREeware download.

Paul Cassel, VE3SY, wrote the original source code but can no longer support the program. I volunteered to be the new "supporter" and have been working on updating this fine logging program with my son Scott Rattray, who knows the software end of it. Mary, NA6E along with Earl, VA6RF & John, VE3JC have been providing excellent help by testing the program as we moved along with the changes looking for trouble spots and coming up with suggestions as well.

The program will be available as freeware, from the QRP-Canada web pages which reside on the RAC Web site which is maintained by Ken Pulfer, VE3PU.

I'm still working on the manual but everything is at the point where the 3 files, (1) Canaday.exe (2) Can-sort.exe and (3) the Manual are almost ready for downloading. Ken is away at the amateur radio meetings but upon his return he will put the link in which will make the three files available to everyone.

This has and still is a learning curve for me but it's another benefit of doing the QRP thing. There are one or two features which will not be available yet but will be in the very near future. The program can be used for the upcoming RAC Winter contest on December 30, 31st/2000 as it now stands. It will work with DOS, Windows 3.xx, Windows 95 & 98 and although it's nice to have a new fast computer for it, the program will work on the older slower computers as well.

One can operate the contest completely paperless. After the contest is over, the program will produce an accurate hard copy print-out of everything you need to mail in your results to RAC.

The two most pressing features I want to add are: (1) the ability to e-mail one's log to RAC and (2) the ability to Interface with a number of the popular and maybe some 'older' rigs.

I'll be posting the URL as soon as Ken gives me the go ahead. Sure, there are many excellent and probably better programs for logging these RAC contests but I've used this one and it's definitely a keeper for me and it's FREE!!!...it's part of my own "pay back" to the hobby....the fun and learning continues eh!?!

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

- ps - I would appreciate receiving some feedback on how operators feel about having the printer print out your contacts, line by line, as you are operating the contest...please reply direct...thank you.

Date: Tue, 05 Dec 2000 00:11:09 -0500
From: Michael C Boatright <ko4wx@mindspring.com>
To: QRP-L <qrp-l@Lehigh.EDU>, NOGA QRP Club <nogaqrp@qth.net>
Subject: [85484] K1 #205 QRV for Spartan Sprint
Message-ID: <3A2C78ED.C0141A11@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Got K1 #205 on the air tonight for the Spartan Sprint. 20M was dead. Really, really dead. So I switched down to 40M. Yippeeeee! I can switch bands! (I love my DSW20 for SP, but it's definitely no fun on a dead band).

Only could operate for an hour, and somebody must have turned the buzz saw on just before I fired up the rig. Running 2W and 1W (when the batteries started dropping down to 9V) into a 160M long wire tuned with an MFJ949D. No covers on the rig yet (I think taking covers off sorta violates the "spirit" of the contest, but in this case, I hadn't gotten them on yet). 8 fresh Duracell Ultra AA batteries. I figure with bud earphones and White Rook key it came in at 23.5 oz.

Photo at: http://ko4wx.home.mindspring.com/projects/pc040005_sm.jpg

Love this rig!!! I'm having problems with VERY slow AGC, but other than that, it's one sweet rig!

Log:
0305 7.0 N6XJ 549 UT 5W
0321 7.0 NM5M 559 TX 5W

0328 7.0 W1TS 559 CT 2W
0335 7.0 AC3AE 339 NY 1W (excellent front end pulled that one out from
under the buzz saw)
0337 7.0 N5WL 539 OK 2W
0341 7.0 W2VT 559 NY 5W (sorry I called you Zach!)
0342 7.0 N9AW 559 WI 5W
0350 7.0 N7XJ 449 UT 1W
0354 7.0 K5LN 559 TX 5W

Band conditions were definitely not for the faint at heart!

72 de Mike, K04WX

--

Mike Boatright, K04WX
Assistant Section Manager for I/T,
GA Section, American Radio Relay League

A rock pile ceases to be a rock pile the moment a single man
contemplates it, bearing within him the image of a cathedral.
Antoine de Saint-Exupery

Date: Tue, 5 Dec 2000 00:14:45 EST
From: K5BDZ@aol.com
To: mmfancher@earthlink.net, qrp-1@lehigh.edu
Subject: [85485] Re: Zener Diode Substitution
Message-ID: <b5.412cdb9.275dd3c5@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 12/4/00 10:05:38 PM Central Standard Time,
mmfancher@earthlink.net writes:

<< Does anyone know if my transmitter will work correctly with the 1N5259B in
place of the 33V, 0.4W Zener that the schematic calls for? >>

I believe the 1N5259B is a 39 volt zener. That should work well as a
protection diode in the circuit. I use 36 volt zeners for that purpose.
Bill K5BDZ

Date: Tue, 5 Dec 2000 00:25:38 -0500

From: "Brian B. Riley, N1BQ" <n1bq@wulfden.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>, "KB1ENS John Wagner" <john@neknetwork.com>
Cc: "KM1Z Fran Flynn" <fflynn@together.net>, "Sara Riley" <sara@wulfden.org>
Subject: [85486] FOX Cub Hunt 12/4/2000 - Results
Message-ID: <LPBBJAGIPFHKPJENAKLOEECNDCAA.n1bq@wulfden.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, what can I say ... the knot in my stomach that started shortly after dinner is gone. Here in NW Vermont I had S4-S8 noise from 0100z on. The first ten minutes I was scared witless that I would go 0 for 0 on my first outing as "le fox" ... all I could hear was faint calls down in the mud. I set up on 7142.5 initially and then slid around plus or minus .3 for the first 30 minutes until I settled on 7142.3 which is where I stayed. I listened up and down about .8 but made 60% of my contacts at +/- .3. Zero offset was a zoo but I swung back there for awhile every fifteen minutes or so. I only made fifteen hounds; the K9FB call doesn't check out at QRZ.COM, I must have screwed it royally ... I see a cast of "the usual suspects" Karl and Doc were right in there, but surprisingly, my mentor, John, who should be able to spit at my antenna from only a couple of dozen miles up the road and round the pond never was heard!

Speaking of John KB1ENS, I must thank him for all the guidance he has given me. I printed out and reread his several emails to the list and privately to me, and they were invaluable to me in getting through tonight without a meltdown! TNX John!

To my hounds, thank you for your patience and repeats, by the time the night was over I think I could send "NAME?" in my sleep! I will say to all who said that being the fox is grand CW training I can only say "You ain't whistlin Dixie!" I felt a whole lot more comfortable and confident by the end, which is a bit of a shame because 7140 vicinity went to mush up hear in the end, no matter where I was listening after each "QRZ..." all I heard was multiple S1-S2 signals on top of each other competing with S5-S6 noise ... I am really looking forward to my next run on 12/27. I hope to have a lot more operating under my belt and make an even better showing for you faithful hounds.

Time Call	RST	Name	State	Power
0217 N4ROA		579 Dan	VA	5W
0224 W8YMO	559	Harry	OH	5W
0226 N8VAR		589 Ron	OH	5W
0234 AF4PS		599 Hank	FL	5W

0246 W9WIS	559	Mike	WI	5W
0253 K0EVZ		579	Doc	ND 5W
0258 K5DI	559	Karl	TX	5W
0303 K4BYF		559	Jack	FL 5W
0313 KI0II		559	Ron	CO 5W
0316 AF4LQ		559	Mike	KY 5W
0319 K9FB	559	Kevin	ND	5W
0336 K4FB	559	Paul	FL	5W
0341 W4BWS	559	Don	FL	5W
0343 K0FY	559	Chuck	NE	5W
0348 KC8LTL		559	Ken	MI 5W
0352 N04D	229	Ken	SC	5W

72 de brian, n1bq

--

N1BQ-3 @ 44 31.73N 072 51.55W
 WideN-N digi and weather station in Underhill Center, VT
<mailto:n1bq@wulfdn.org>
 AMSAT LM-1418 NJQRP #274
 QRP-L #2276 Zombie #768

Date: Tue, 5 Dec 2000 00:36:15 -0500
 From: "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
 To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>, "KB1ENS John Wagner" <john@neknetwork.com>
 Subject: [85487] FOX Cub Hunt 12/4/2000 - Results - first round of corrections
 Message-ID: <LPBBJAGIPFHKPJENAKLOIECODCAA.n1bq@wulfdn.org>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

I left out Dave in MO on the first copy. Brings me to 17 minus K9FB gives me 16.

Time Call	RST	Name	State	Power
0217 N4ROA		579	Dan	VA 5W
0224 W8YMO	559	Harry	OH	5W
0226 N8VAR		589	Ron	OH 5W
0234 AF4PS		599	Hank	FL 5W
0241 W0CH	559	Dave	MO	5W

0246 W9WIS	559	Mike	WI	4W	
0253 K0EVZ		579	Doc	ND	5W
0258 K5DI	559	Karl	TX	5W	
0303 K4BYF		559	Jack	FL	5W
0313 KI0II		559	Ron	CO	5W
0316 AF4LQ		559	Mike	KY	5W
0319 K9FB	559	Kevin		ND	5W
0336 K4FB	559	Paul	FL	5W	
0341 W4BWS	559	Don	FL	5W	
0343 K0FY	559	Chuck		NE	5W
0348 KC8LTL		559	Ken	MI	5W
0352 N04D	229	Ken	SC	5W	

72 de brian, n1bq

--

N1BQ-3 @ 44 31.73N 072 51.55W
 WideN-N digi and weather station in Underhill Center, VT
<mailto:n1bq@wulfdn.org>
 AMSAT LM-1418 NJQRP #274
 QRP-L #2276 Zombie #768

Date: Mon, 4 Dec 2000 21:43:55 -0800
 From: "Bob Tellefsen" <n6wg@earthlink.net>
 To: <qrp-l@Lehigh.EDU>
 Subject: [85488] Once again, the Happy Dance
 Message-ID: <001901c05e7e\$5bcb1520\$12d3fc9e@oemcomputer>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

Tonight I got to do the Happy Dance myself.
 Thanks to Dallas, W3PP, who accepted a sked to
 give me a DE QSO to finish my two-way QRP WAS.
 We made it on the first call, which surprised us both. He was 569
 here, and I was 589 in DE. Wow.

40m seemed unusually open this evening. I also heard VP5/AA5B,
 but I had other fish to fry at the time. Wonder if he is still on now?
 Anyway, again my thanks to Dallas for being there when I needed him.
 73, Bob N6WG

Date: Tue, 5 Dec 2000 00:56:50 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: Stuart Rohre <rohre@arlut.utexas.edu>
Cc: QRP List <qrp-l@Lehigh.EDU>
Subject: [85489] Re: Cold Wx Power Source (Was "The Volter")
Message-ID: <Pine.BSF.4.21.0012050041450.2282-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just read the qrp-l digest and caught your comments regarding the use of
"D" Dry Cells in Artic enviroment.

Can you be more specific about the details? Type of Cells, Carbon Zinc or
Alkaline? Brand Names? Load Current and Actual Current Capacity?

This thread has really gotten a bit of interest. I think it particularly
of interest to QRPers who also Backpack in Cold places.

Since my "The Volter" thread, I have received quite a few very interesting
comments.

Now we all need a little Meter/Scope Calibrator kit. :^)

Maybe a battery holder and a few or those Precision Voltage Reference
Devices.

Also maybe a PIC Based Voltage Monitor with output to the PC for recording
the Voltage and Current on our battery packs. :^)

George are you listening? :^) (N2APB)

Keep them batteries warm...

Sir George, The First :^)

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Notary Public and Locksmith Services
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301)572-6789
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Date: Mon, 4 Dec 2000 23:44:18 -0800 (PST)
From: ABCQRP <w6abc@yahoo.com>
To: n0tu@webaccess.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [85490] Re: DK9SQ end-plug pops off!
Message-ID: <20001205074418.11647.qmail@web2105.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi Steve,
Sorry you lost the end plug on the DK9SQ mast tube.
The same thing happened to me. I was in my garage and
gently tipped the tube that holds the mast and the
mast started to flow gently from it's housing. The
darn cap must have rolled out the garage and down the
street to "who knows where", never to be seen again.
What I replaced it with is a trailer hitch cap
(rubber) from U-Haul. I think they come in black or
blue colors and fit the end of the tube perfectly.
Never accidentally came off again.
I wish I had a stock replacement for it, but
truthfully never called the Kanga Folks to let em
know.
Get the U-Haul hitch-ball cover and that should solve
the problem.
73,
Jack W6ABC

Do You Yahoo!?
Yahoo! Shopping - Thousands of Stores. Millions of Products.
<http://shopping.yahoo.com/>

Date: Tue, 5 Dec 2000 02:51:18 EST
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [85491] Is it QRM or QRN?? or??????
Message-ID: <ac.dfeab36.275df876@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,
Several weeks (appx 3) I made a post on how quite 40-M was.

I never heard 40-M so quite and so much DX coming in.
Starting last week I noticed that the band was noisy but settled down at night or 0100 UTC and remain that way until the next afternoon. Each day got worse and hams I worked in the mid west said the band was quite.
Tonight it never settled down and the hash is going from an S-3 to an S-8 or higher.
It sounds like radar sweeping back and forth.
I heard this on the UHF bands about 6 years ago and there was a Russian boat off the East coast.
Are there any other NJ hams hearing this?
Bob
WA2HOQrp <tm>

Date: Mon, 4 Dec 2000 23:04:06 -0800
From: Dan Presley <talljazz@teleport.com>
To: qrp-l@LeHigh.EDU
Subject: [85492] FOX: extra info for Tuesday's run
Message-ID: <v03007835b6524017b696@[216.26.61.78]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

A few folks asked for more info for my run on Tuesday (12/6 UTC 0200-0400), so I'll try to oblige. My tentative freq will be around 7041-2 depending on qrm that I can hear out west, and I will be listening up approx 2.5 to 3 Khz up and moving my receive around each contact. My exchange will be <your call> at around 20-25 wpm, <exchange> at 30, and <your call> back at the slower speed. After receiving your info, I will acknowledge with 'TU Fox', which is the go ahead to call. You will stand a better chance if you time your single call to allow me to tune as I will try not stay on one freq in order to keep the pack spread out. Best way to not get in the log is to call me on my freq. Note-towards the end of the hunt I will move closer to my freq as things thin out to give a chance to those who don't have split/rit rigs.

One thing to remember-what you hear on your end, and what I hear may be totally different in terms of qrm, propagation, etc. These types of problems can cause a fox to toss a well-laid plan 'out the window' in order to work as many as possible. I will try to stick to my plan, but it's always a crap shoot :) Enjoy, and see you in the pack.

Dan Presley-N7CQR-Portland, Or QRP-L #502

Date: Tue, 5 Dec 2000 07:48:16 -0500 (EST)

From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@lehigh.edu>
Subject: [85493] Ventured up above 7.150 last night...
Message-ID: <Pine.OSF.4.21.0012050723010.4000-100000@saturn4.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Wished I'd recorded the QSO I heard last night on 40M. These two QRO Bozos were talking, each of them 20 over S9 here, and the one guy was testing the two-position switch on the back of his hand microphone.

A decent question, he wanted to know which sounded better.

It was funny, because both of 'em had speech processors running so high the distortion was almost masked by the sounds of the blowers in their amplifiers.

Neither of them sounded... "good." But heck, they both sure were loud and I guess that's all that really matters, isn't it?

Saw a guy at the swap this weekend with a, "If it's not CW, it's CB" pin. I guess...

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics.
Visit the Virtual Ten*Tec Museum at:
<<http://www.acs.oakland.edu/~prvalko>>

Date: Tue, 5 Dec 2000 08:11:33 -0500
From: "Brian" <brian@iquest.net>
To: <n1bq@wulfden.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [85494] Re: FOX Cub Hunt 12/4/2000 - Results
Message-ID: <003f01c05ebc\$e3f39d30\$2305080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Brian,

You did just fine! I tried for about an hour to make the exchange but your signals on my Indiana attic dipole went from 449 in the beginning to

non-existent after about an hour. Mac was in here a solid 559 and I also heard Doc and Ron (KI0II) but after that it was over for me.

Good work!

72 es "oo"

----- Original Message -----

From: "Brian B. Riley, N1BQ" <n1bq@wulfdan.org>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Tuesday, December 05, 2000 12:25 AM

Subject: FOX Cub Hunt 12/4/2000 - Results

> Well, what can I say ... the knot in my stomach that started shortly
> after dinner is gone. Here in NW Vermont I had S4-S8 noise from 0100z
> on. The first ten minutes I was scared witless that I would go 0 for 0
> on my first outing as "le fox" ... all I could hear was faint calls down
> in the mud. I set up on 7142.5 initially and then slid around plus or
> minus .3 for the first 30 minutes until I settled on 7142.3 which is
> where I stayed. I listened up and down about .8 but made 60% of my
> contacts at +/- .3. Zero offset was a zoo but I swung back there for
> awhile every fifteen minutes or so. I only made fifteen hounds; the K9FB
> call doesn't check out at QRZ.COM, I must have screwed it royally ... I
> see a cast of "the usual suspects" Karl and Doc were right in there, but
> surprisingly, my mentor, John, who should be able to spit at my antenna
> from only a couple of dozen miles up the road and round the pond never
> was heard!

>

> Speaking of John KB1ENS, I must thank him for all the guidance he has
> given me. I printed out and reread his several emails to the list and
> privately to me, and they were invaluable to me in getting through
> tonight without a meltdown! TNX John!

>

> To my hounds, thank you for your patience and repeats, by the time the
> night was over I think I could send "NAME?" in my sleep! I will say to
> all who said that being the fox is grand CW training I can only say "You
> ain't whistlin Dixie!" I felt a whole lot more comfortable and confident
> by the end, which is a bit of a shame because 7140 vicinity went to mush
> up hear in the end, no matter where I was listening after each "QRZ..."
> all I heard was multiple S1-S2 signals on top of each other competing
> with S5-S6 noise ... I am really looking forward to my next run on
> 12/27. I hope to have a lot more operating under my belt and make an
> even better showing for you faithful hounds.

>

>

> Time Call RST Name State Power

> 0217 N4ROA 579 Dan VA 5W

> 0224 W8YMO 559 Harry OH 5W
> 0226 N8VAR 589 Ron OH 5W
> 0234 AF4PS 599 Hank FL 5W
> 0246 W9WIS 559 Mike WI 5W
> 0253 K0EVZ 579 Doc ND 5W
> 0258 K5DI 559 Karl TX 5W
> 0303 K4BYF 559 Jack FL 5W
> 0313 KI0II 559 Ron CO 5W
> 0316 AF4LQ 559 Mike KY 5W
> 0319 K9FB 559 Kevin ND 5W
> 0336 K4FB 559 Paul FL 5W
> 0341 W4BWS 559 Don FL 5W
> 0343 K0FY 559 Chuck NE 5W
> 0348 KC8LTL 559 Ken MI 5W
> 0352 N04D 229 Ken SC 5W
>
> 72 de brian, n1bq
>
> --
> N1BQ-3 @ 44 31.73N 072 51.55W
> WideN-N digi and weather station in Underhill Center, VT
> <mailto:n1bq@wulfden.org>
> AMSAT LM-1418 NJQRP #274
> QRP-L #2276 Zombie #768
>
>
>
>

Date: Tue, 05 Dec 2000 06:13:12 -0700
From: Bob Hightower <nk7m@extremezone.com>
To: elecrafft@qth.net, qrp-l@lehigh.edu
Subject: [85495] Mic Pre-amp Kits
Message-ID: <200012051308.GAA09050@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

All of the kits are spoken for. Those of you who have received confirmation numbers, please send in your check/order ASAP.
Thanks for all the interest in this project.

Bob Hightower NK7M
Chandler, AZ
SOC #20
K2 #157/255, K1 #41

<http://www.extremezone.com/~nk7m>

Date: Tue, 5 Dec 2000 08:14:38 -0500
From: ed.kwik@delphiauto.com
To: qrp-1@Lehigh.EDU
Subject: [85496] RE: Is ten meters open 24 hours a day?
Message-ID: <052569AC.0048CDD0.00@usabhm99.mail.delphiauto.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Gary Lee Phillips KA9NZI <ka9nzi@arrl.net> on 12/04/2000 12:16:20 PM

Please respond to ka9nzi@arrl.net

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
cc: (bcc: Ed Kwik)

Subject: RE: Is ten meters open 24 hours a day?

Yes, I know I'm "talking to myself". I just made an observation last night that seemed relevant to this thread. I've been listening a bit on 10 m. every evening since the subject came up (and in anticipation of the contest this weekend
<snip>

I was on 10 last night and it was still open way past my local sunset. Worked a CX and a VP5. Both were a solid 599. There can be very good North - South propagation on the higher HF bands even with mediocre SF numbers after local sunset during the winter months. I also heard a ZK2 for about an hour working a pileup. I tried for most of an hour to get him but no luck. He was simplex

with lots of stations calling right on top of him.

Ed AB8DF

Date: Tue, 5 Dec 2000 08:28:39 EST
From: Macstein@aol.com
To: n1bq@wulfdan.org, qrp-l@lehigh.edu
Subject: [85497] Re: FOX Cub Hunt 12/4/2000 - Results
Message-ID: <f2.537c431.275e4787@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Thanks for a great outing Brian! The noise just grew and grew down here. I appreciated your patience getting the repeats. I would hear you, then not...hear you, then not. Looks like you got pretty good coverage from VT. You were hearing some I didn't for sure! (but then, that's not saying a great deal - sorry!) I look forward to catching you next time!

72 es oo

-MAC-

AF4PS

Odessa, FL "Home of the Infamous Attic Dipole" and K2 #643

QRP-L #704, FISTS #5096, CC #754, NorCal #1998, Zombie #510,
ARCI #9843, AR QRP #257, HI QRP #83, Whiners #5, SOC #28,
West FL QRP, TARC, ARS #751, Flying Pig QRP #-51
and various other annual \$15 commitments.

Date: Tue, 5 Dec 2000 08:33:00 -0500
From: "Brian" <brian@iquest.net>
To: "pigs" <fpqrp-l@mpna.com>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [85498] PBS to air Tesla Special
Message-ID: <000901c05ebf\$e30a2030\$2305080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

PBS will air the documentary Tesla: Master of Lightning Tuesday, December 12 (check local listings for time and channel) about the life and accomplishments of inventor Nikola Tesla (1853-1943). Actor Stacy Keach will

provide the voice of Tesla for the 90-minute presentation. A Web site will serve as the on-line companion to the acclaimed documentary. The program combines dramatizations with rare footage and photographs. A contemporary of Thomas Edison and Guglielmo Marconi, Tesla--a Serbian immigrant to the US--has become a cult hero over the years. He is credited with being the inventor of our system of ac power transmission and even of radio. He also invented the Tesla coil--an early RF generator. Offering long-overdue recognition to a great and misunderstood man of science, the PBS documentary and the associated Web site will provide an overview of Tesla's life story as well as hands-on exploration of his inventions. In addition to classroom materials, the site will include documents, articles and research resources for those who wish to delve more deeply into Tesla's life. The book, Tesla: Master of Lightning, by Margaret Cheney and Robert Uth, is reviewed in December QST, page 37. Uth was the producer/director and a writer for the PBS documentary.--PBS

```
=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====
```

Date: Tue, 5 Dec 2000 08:47:18 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <brian@iquest.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [85499] Re: PBS to air Tesla Special
Message-ID: <00e001c05ec1\$e5ca18a0\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just a few tidbits... Tesla push AC, while Edison pushed DC, claiming AC was just too dangerous. Edison even went so far as to design the electric chair for the state of New York to try to show how dangerous AC was. Evidently the two hated each other, as Tesla I believe felt Edison stiffed him.

But Tesla won out.

One other bit of trivia...

Tesla invented something that is almost INDISPENSIBLE over the years, and until the proliferation of microcomputers, was pretty difficult to do cheaply, other than with his invention.

.
. .
. .
. .

The automobile speedometer...

Mike

Date: Tue, 05 Dec 2000 08:32:19 -0500
From: George Murphy <VE3ERP@ENCODE.COM>
To: qrp-1@lehigh.edu
Subject: [85500] Square Coax
Message-ID: <4.3.2.7.0.20001205082547.00aa14b0@ENCODE.COM>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I would like to thank the many people who sent me very much appreciated info about square coaxial transmission lines. I had no idea there were so many people with knowledge of and experience with this relatively rare bird!

TNX again all -

Murph, VE3ERP

Date: Tue, 5 Dec 2000 09:06:10 EST
From: WB9MII@aol.com
To: qrp-1@lehigh.edu
Subject: [85501] WTB: QRP 20M CW Rig
Message-ID: <56.4445c3f.275e5052@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Howdy folks,
Kinda looking for a holiday present for myself. I'm looking for a 20M CW QRP

rig that puts out an honest 5 watts and has an input for a straight key (most now seem to have built in keyers and I prefer my Lionel J38). Many thanks
Greg WB9MII
QRP ARCI 9719

Date: Tue, 05 Dec 2000 08:11:32 -0600
From: Steve Yates - AA5TB <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [85502] Re: Is it QRM or QRN?? or??????
Message-ID: <002501c05ec5\$45d30740\$812abcd0@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi Bob,

There is no telling what you are hearing nowadays. Could be an Over The Horizon Surface Wave Radar (again), the idle touch lamp in the other room, or an assortment of other new devices on the market. I wonder, does it sound like the signal recorded on this page?

<http://www.geocities.com/aa5tb/sig02.html>

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
aa5tb@arrl.net
<http://www.geocities.com/aa5tb>

Date: Tue, 5 Dec 2000 14:24:41 -0000
From: Vic Winton <Vic.Winton@trafford-press.com>
To: "'aa5tb@arrl.net'" <aa5tb@arrl.net>, Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [85503] RE: Is it QRM or QRN?? or??????
Message-ID: <C94AC5B1B413D411ABDC009027177A641CC8@TRAFFORD01>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

No, it's Superman !!

Regards,

Vic Winton

Date: Tue, 5 Dec 2000 08:31:08 -0600
From: "Craig W. Behrens" <craigwb@hiwaay.net>
To: "qrpARCI-LIST" <qrparki@listbot.com>, "QRP-L QRP-L" <qrp-l@Lehigh.EDU>
Subject: [85504] ARCI 40-Year Anniversary Issue of the QRP Quarterly
Message-ID: <LPBBIKBNB00LHAAJAHJGIECHCFAA.craigwb@hiwaay.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This is a "head's" up for ya'll. Be sure your ARCI membership (includes QRP Quarterly subscription) is up-to-date or get it in now via the ARCI web page--qrparki.org. (Please keep in mind that economics force us to print to demand.)

The next QQ magazine will be a "landmark" issue. You don't want to miss this one--it's especially a collector's item. In addition to being a valuable and fun read--there are some real surprises! The QQ is hot in pursuit of being the "best-in-class" class QRP magazine. (No brag...just fact.)

Please plan on contributing to its future.

In a world full of mediocrity, let's create a perfect little QRP oasis!

'Nuff said.

72/73 & DX,
Craig W. Behrens--NM4T (QQ Editor)
Madison, AL

Date: Tue, 05 Dec 2000 14:29:42 +0000
From: Michael Neverdosky <mneverdosky@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [85505] Re: Is ten meters open 24 hours a day?
Message-ID: <3A2CB586.286DC770@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have also noticed that 10m is often open when you wouldn't expect,

and when the prop programs say it is closed.
I also notice that this usually happens when the noise level is nil
so that very weak signals end up being Q5.

michael N6CHV

ed.kwik@delphiauto.com wrote:

>
> Gary Lee Phillips KA9NZI <ka9nzi@arrl.net> on 12/04/2000 12:16:20 PM
>
> Please respond to ka9nzi@arrl.net
>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> cc: (bcc: Ed Kwik)
>
> Subject: RE: Is ten meters open 24 hours a day?
>
> Yes, I know I'm "talking to myself". I just made an observation
> last night that seemed relevant to this thread. I've been listening
> a bit on 10 m. every evening since the subject came up (and in
> anticipation of the contest this weekend
> <snip>
>
> I was on 10 last night and it was still open way past my local sunset. Worked a
> CX and a VP5. Both were a solid 599. There can be very good North - South
> prorogation on the higher HF bands even with mediocre SF numbers after local
> sunset during the winter months. I also heard a ZK2 for about an hour working a
> pileup. I tried for most of an hour to get him but no luck. He was simplex
> with lots of stations calling right on top of him.
>
> Ed AB8DF

Date: Tue, 5 Dec 2000 09:41:38 EST
From: RangerSF5@aol.com
To: Vic.Winton@trafford-press.com, qrp-l@lehigh.edu
Subject: [85506] Re: Is it QRM or QRN?? or??????
Message-ID: <62.9ae4a87.275e58a2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 12/5/00 9:30:01 AM Eastern Standard Time,
Vic.Winton@trafford-press.com writes:

<<
No, it's Superman !!

Regards,

Vic Winton

>>

Just what I expected.

A real intelligent answer.

So much for all the help.

Bob

WA2HOQrp <tm>

Date: Tue, 5 Dec 2000 09:54:03 EST
From: RangerSF5@aol.com
To: aa5tb@arrl.net, qrp-1@lehigh.edu
Subject: [85507] Re: Is it QRM or QRN?? or?????
Message-ID: <f5.537128c.275e5b8b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 12/5/00 9:13:57 AM Eastern Standard Time, aa5tb@arrl.net writes:

<<

There is no telling what you are hearing nowadays. Could be an Over The Horizon Surface Wave Radar (again), the idle touch lamp in the other room, or an assortment of other new devices on the market. I wonder, does it sound like the signal recorded on this page?

>>

Hi Steve,

YUP,

That's just what I'm hearing.

Even hear the natural QRN along with it.

I also noticed that when it's really bad the FB stations are coming in strong and I mean REALLY STRONG.

My apologies to any QRP OP's who were calling me and I was not able to copy.

Also if I wiped you out with the 50 Watts I'm sorry but I transmit where I hear no stations.

Steve,

Thanks very much for sending that WAV sound recording.

Now my mind is at ease.

At least I now know that all my local QRM clean up efforts didn't go down the tubes (no pun intended)

73

Bob

WA2HOQrp <tm>

Date: Tue, 5 Dec 2000 09:58:11 EST
From: RangerSF5@aol.com
To: WB9MII@aol.com, qrp-1@lehigh.edu
Subject: [85508] Re: WTB: QRP 20M CW Rig
Message-ID: <57.e64700e.275e5c83@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 12/5/00 9:08:00 AM Eastern Standard Time, WB9MII@aol.com writes:

<< Howdy folks,
Kinda looking for a holiday present for myself. I'm looking for a 20M CW QRP rig that puts out an honest 5 watts and has an input for a straight key (most now seem to have built in keyers and I prefer my Lionel J38). Many thanks
Greg WB9MII >>

Greg,
Someone had a MFJ 20-M meter and a MFJ 40-M listed here not long ago. I lost the persons E mail when my machine went down. Both units had the CW filter board installed. If he contacts you please have him mail me.
Thanks
Bob
WA2HQrp <tm>

Date: Tue, 5 Dec 2000 10:26:40 -0500
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
To: VE3ERP@ENCODE.COM, qrp-1@Lehigh.EDU
Subject: [85509] Re: Square Coax
Message-ID: <v03110705b652b981e410@[132.235.81.133]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>I would like to thank the many people who sent me very much appreciated
>info about square coaxial transmission lines. I had no idea there were so
>many people with knowledge of and experience with this relatively rare bird!
>
>TNX again all -
>
>Murph, VE3ERP

Hey Murph,

I must have missed the post... what is it used for and why?

Expiring minds want to know! ;')

NS80

Date: Tue, 5 Dec 2000 10:45:31 EST
From: NB6M@aol.com
To: bill@bmorgan.com
Cc: qrp-1@lehigh.edu
Subject: [85510] Re: SMK-1 I
Message-ID: <23.477418f.275e679b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Bill,

My stock SMK draws about 17 Milliamps on Receive, and under 100 Milliamps on TX.

72

Wayne NB6M

Date: Tue, 05 Dec 2000 09:16:34 -0700
From: Ray Colbert <w5xe@juno.com>
To: qrp-1@lehigh.edu
Subject: [85511] Re: Is it QRM or QRN?? or??????
Message-ID: <3A2D14E2.2FF2AC5F@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, after listening to Steve's wav.file, it is as I have indicated on this list a number of times, NOT an OTHR system but an old type frequency domain multiples (FDM) RadioTeleprinter system with a number of printer channels per carrier, giving it the

buzzsaw sound effect. There are a number of lists and web sites given to utility monitoring and some of those people are or were professionals in the intercept business (as I used to be) and know these signals. Because of the high cost of operating such a system, almost always a government or military point to point system. The time of day of the intercept indicates probably European, maybe into the central Russia area? No longer having access to my DF systems like when I was working, I can't answer the location question.

--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78 fp #111
NCT2 (also w5xe@juno.com El Paso, (FAR WEST) TEXAS

-----NetZero Free Internet Access and Email-----
<http://www.netzero.net/download/index.html>

Date: Tue, 5 Dec 2000 09:20:53 -0700
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [85512] Re: Is it QRM or QRN?? or??????
Message-ID: <20001205.092053.-580685.0.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

The last post should have read: frequency domain
multiplex (FDM) instead of frequency domain
multiples (FDM). Could mean the same thing
since it is multiple superimposed signals, but
really should be <multiplex>.

GET INTERNET ACCESS FROM JUNO!
Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Tue, 05 Dec 2000 11:37:24 EST
From: Dean W Manley <kh6b@juno.com>

To: qrp-1@lehigh.edu, k4agt@arrl.net
Cc: kh6b@juno.com
Subject: [85513] Contest: ARS Sprint
Message-ID: <20001205.063833.5391.0.kh6b@juno.com>

Hi Jim and Group,

Congrats to Jim K4AGT for working me for his 50th state.
He said he worked state #48 and #49 during the ARCI
contest. We contacted before the ARS SP event on 14.062.
Signals were 439 both ways.

N7XJ and K7TQ were worked on 40m during the SP. I
limited my participation this time, mainly due to conflicting
timing of events leading up to the ARRL 10m Contest
later this week. Listen for KH6IN on 10m, both QRP CW and
QRP SSB on 10 meters.

Aloha,
Dean KH6B
Hilo Hawaii

>I have worked 49 states, and
>confirmed 46 of those on QRP. Yes, HI is the one missing.
>I'm getting excited as I worked #48 and #49 yesterday in
>the QRP ARCI contest.
>Jim Hall, k4agt
>Huntsville, Alabama

Date: Tue, 5 Dec 2000 11:42:43 EST
From: NB6M@aol.com
To: mmfancher@earthlink.net
Cc: qrp-1@lehigh.edu
Subject: [85514] Re: Zener Diode Substitution
Message-ID: <59.3c36b74.275e7503@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Mark,

Technically, the 39 Volt 1N5259B might not provide quite as much protection
for your final as the 33 volt unit, but it may not make any practical
difference.

One other consideration is the reverse-biased capacitance of the Zener, which

is usually taken into consideration when setting the value of the first capacitor in the output filter network for the PA. The collector capacitance is usually reduced by an amount equal to the capacitance of the zener when it is reverse biased by the collector voltage.

If the capacitance of the 39 volt unit you have is significantly different than the 33 volt unit, you may have to compensate for the difference by changing the value of the 390 pf capacitor shown from the collector of the 2N3866 to ground in the passport circuit. However, there may not be enough difference in capacitance between the 39 volt unit you have and the 33 volt unit specified to hurt the power output.

I would suggest building it using the zener you have, and see if you get normal output from the transmitter. If you do, great. If not, then try a slightly larger or smaller value of capacitance instead of the 390 pf unit, and see what value gives you rated output.

That is sure a neat little rig. Good luck with it. It will be interesting to hear how yours works out.

Best 72

Wayne NB6M

Date: Tue, 5 Dec 2000 10:42:12 -0700
From: "Rod Cercone" <n0rc@hotmail.com>
To: <elecraft@qth.net>, "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [85515] QRP-ARCI HB Sprint results
Message-ID: <OE32akfMY1aQz0uejYf00008821@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Contest: ARCI Holiday Spirit HB Sprint

Mode: _CW__ Power: 0.9 W

Callsign of Operator: N0RC

Exchanged Information: N0RC

Hours of Operation: __3.5____ Hours.

Band	QSOs	Points	Mult's
160	0	0	0

80	0	0	0
40	6	30	5
20	10	44	9
15	14	61	7
10	20	85	13

Totals	50	220	44

TX Mult. = 10; My member number = 9952;

Total Score: 96800 Points
HB XCVR Bonus: 20000 Points

TOTAL: 116800 Points
=====

Station setup: K2 @ 900mW
multiband attic dipole

Well the K2 and attic dipole came through again, QSOs coast to coast,
boarder to boarder and beyond. Thanks one and all for your QSO.

Notables:

HP1AC Panama, thanks Cam!

KH6JOI Hawaii, WOW with only 900mW and a attic ant!

VE7SL Canada, He was on TT2-20 with <400mw,
sez something about the K2 RX

KE6TGA, Cal, Hans, This was a non contest station, called to ask what
was going on. I took a few minutes to explain, then
told him my power was only 900mW, his responds:
"WOW!"

Seems to me when we contact stations like KE6TGA we ought to send them
a "certificate QSL card". It would be nice to have some BRIEF QRP
primer info, invite them to participate in the next contest maybe,
ideas?

73, Rod N0RC
Ft Collins CO

Date: Tue, 5 Dec 2000 10:59:07 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "qrp-1" <qrp-1@Lehigh.EDU>

Subject: [85516] bifilar winding questions
Message-ID: <0E37mTcrrq0yu7G81Gp00008a42@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bifilar triodes are commonly wound with parallel windings or the wires twisted together. What characteristics of the device are most effected by these different techniques? What's the decision/design criteria to chose one over the other?

TNX
73, Rod NØRC
Ft Collins CO

Date: Tue, 5 Dec 2000 11:04:47 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [85517] Re: bifilar winding questions
Message-ID: <0E69WdvrcOiazcNdWEP00003b52@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Let's make the TOROIDS!

Darn spell checker

-rc-

----- Original Message -----
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, December 05, 2000 10:59 AM
Subject: bifilar winding questions

> Bifilar triodes are commonly wound with parallel windings or the wires

^^^^^^

Date: Mon, 04 Dec 2000 18:10:45 -0700
From: "Ron, KU7Y" <ku7y@qsl.net>
To: QRP-L <qrp-l@Lehigh.EDU>

Subject: [85518] CW contests and reality
Message-ID: <000301c05ee6\$8afe8940\$69c6a9d8@com>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi All,

One thing that every one needs to keep in mind is that in the real world contests, seldom do you find much activity at 20 wpm and below.

You MUST improve your CW skills if you are going to wind up having fun in contests.

When you can copy contest exchanges at about 20 wpm you will start having much more fun. As you go past 30 wpm the fun factor becomes even bigger!

But you just have to work hard to get there.

So may think that this isn't "fair" but in reality, the only "fair" there is, is that you are allowed to get in the contest and play. That's as fair as fair gets!

Something to think about when running QRP on 160m during contests: I never use a RX antenna. I just use the same one for both TX and RX. The reason is that at least 95% of the stations that I work are over S9. I could copy them without much of anything for an antenna and in fact I usually keep 18 Db of attenuation kicked in.

So as you expend money and energy for antennas for 160m contests, put more of your work into the TX antenna! :-)

OK, back in my hole....

cul, Ron KU7Y
Full time RVing somewhere in the West!

Date: Tue, 05 Dec 2000 10:25:09 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: n0rc@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [85519] Re: bilfilar winding questions
Message-ID: <3A2D3305.7EE26736@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Rod Cercone wrote:

>
> Bifilar triodes are commonly wound with parallel windings or the wires
> twisted together.

I like it, Rod .. a new component :-) .. I did see the later msg, but
this was too good to pass up!

73, Phil

Date: Tue, 5 Dec 2000 11:52:51 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Rod Cercone <n0rc@hotmail.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [85520] Re: bifilar winding questions
Message-ID: <Pine.BSI.3.96.1001205115146.14325B-100000@usr02.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

You will get better coupling if the wires are twisted together.
This is particularly important if you are making 1:1 or 1:1:1 wideband
transformers.

Chris

On Tue, 5 Dec 2000, Rod Cercone wrote:

> Bifilar triodes are commonly wound with parallel windings or the wires
> twisted together. What characteristics of the device are most effected
> by these different techniques? What's the decision/design criteria to
> chose one over the other?
>
> TNX
> 73, Rod N0RC
> Ft Collins CO
>

/ ,-----. / What's all this \	High Performance Mixers and
/ extinct stuff, anyhow? /	Amplifiers for RF Communications
\ -----'	Chris Trask / N7ZWY

Most CW contesters have little trouble with 30-35 wpm code. 25 wpm is considered a modest speed, and 20 wpm is slow.

>But you just have to work hard to get there.

The key to high-speed CW is simple experience. Most of the top CW ops I know have drowned themselves in CW operating at one time or another. W4AN recommended making CW QSOs every DAY. At some point, you learn to "read" CW just as if someone were talking slowly. That's when CW is supposed to be really fun. Most serious CW operators like CW contests a lot better than phone.

None of this should discourage someone of more modest speed from getting on the air and working stations during a contest. Can't copy a speed demon station? Skip him. I know I do. You can always find someone else with good signals that's going closer to your speed.

Hang out on a frequency listening to the exchange. Even if the op is going faster than you are comfortable, try to copy what you can. Don't be afraid to jump in and send <your callsign> QRS. Most operators will slow down when you ask them this way. Don't worry too much that trying to make contacts this way is too slow -- think of it as CW practice. The more you push your copy, the faster you'll progress.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net

Quote: "Not within a thousand years will man ever fly!"

-- Wilbur Wright, 1901

Date: Tue, 5 Dec 2000 13:06:16 -0500
From: ed.kwik@delphiauto.com
To: qrp-1@Lehigh.EDU
Subject: [85522] Michigan QRP Net Tonight
Message-ID: <052569AC.00639E4F.00@usabhm99.mail.delphiauto.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

The Michigan QRP Net meets each Tuesday night at 9:00 PM Eastern time on 3.535Mhz. All are welcome and all CW speeds will be accommodated. The net will stay active until at least 10:00 PM so late check ins can join any time. Just send your call when you hear QNI? K.

Ed AB8DF

Date: Tue, 5 Dec 2000 13:46:58 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "George Gingell" <k3tks@u1.abs.net>
Cc: "QRP List" <qrp-1@Lehigh.EDU>
Subject: [85523] Re: Cold Wx Power Source (Was "The Volter")
Message-ID: <000901c05ef4\$21377e50\$5ac07481@rohredt2000>

George,

Thanks for the note. The military have a standard issue alkaline D cell as well as other common sizes. The Polar Research Lab provided drums of these hooked up in series/ parallel to provide 12 volts for our DC operated scientific reel to reel tape recorders, which were variants on the Seismic recorders used for years to "shoot" the oil field surveys. Multi channel recorders capable of recording a month on one 14 inch reel of tape. By adding a controller and timer, a few minutes per hour every 24 was recorded for a year plus. We also used extra long tapes of 12,500 feet. I think when running, the power drain might have been an amp overall. The D cells were connected together inside 55 gallon drums. These were buried in the ice island surface down a couple of feet to keep them at constant temperature, and insulate them with ice. To make it easy to recover recorder and battery packs, chunks of Styrofoam were used as plugs for the holes. This also insulated things from surface weather. The buildup of ice and snow over the top of the instruments was easily cut away a year later with a chain saw. The principles for equipment used up there are the same as the explorers constructing ice igloos to keep warm. But, on an ice island, they had to use portable tent/huts as there was not enough ice thickness to risk cutting blocks for a shelter. And, the manned portion of the trip was only long enough to plant the equipment, and fly off the ice runway they built. GPS and a locator beacon were supposed to allow the island to be tracked in a manner like APRS ham tracking. The beacon failed in a month, and dead reckoning had to be used to get near the location after the first year. A hut with orange and white block patterns was supposed to stand out from the snow, but was not very visible in fog. It took an experienced Arctic guide flying over the areas with binoculars to finally locate the right island. In such a dry cold, static buildup on the plastic tape was tremendous, and took two weeks at 50 per cent R. H. back in the states to fully dissipate. However, there was good data recorded in spite of the static buildup. Just was painful to thread the playback recorder! Ouch! Hope this informs folks what a great power source alkaline cells can be. They also last longer in portable radios inside hot cars in summer down here, than rechargeable ni cads. I have a set in a DX Handy 2M QRP rig that is going on a year of very intermittent use.

72,

Stuart K5KVH

----- Original Message -----

From: "George Gingell" <k3tks@u1.abs.net>

To: "Stuart Rohre" <rohre@arlut.utexas.edu>

Cc: "QRP List" <qrp-l@Lehigh.EDU>

Sent: Monday, December 04, 2000 11:56 PM

Subject: Re: Cold Wx Power Source (Was "The Volter")

> Just read the qrp-l digest and caught your comments regarding the use of
> "D" Dry Cells in Artic enviroment.
>
> Can you be more specific about the details? Type of Cells, Carbon Zinc or
> Alkaline? Brand Names? Load Current and Actual Current Capacity?
>
> This thread has really gotten a bit of interest. I think it particularly
> of interest to QRPers who also Backpack in Cold places.
>
> Since my "The Volter" thread, I have received quite a few very interesting
> comments.
>
> Now we all need a little Meter/Scope Calibrator kit. :^)
>
> Maybe a battery holder and a few or those Precision Voltage Reference
> Devices.
>
> Also maybe a PIC Based Voltage Monitor with output to the PC for recording
> the Voltage and Current on our battery packs. :^)
>
> George are you listening? :^) (N2APB)
>
> Keep them batteries warm...
>
> Sir George, The First :^)
>
> 72 ES
> QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
> Former QRP A.R.C.I. Net Manager and Board of Director Member.
> Gingell & Company, Ltd. Small Business Telephone Systems
> Notary Public and Locksmith Services
> George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
> Maryland Milliwatt Club QRP Reference Library, (301)572-6789
> Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
> Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.
>
>

Date: Tue, 5 Dec 2000 11:54:39 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [85524] Re: CW contests and reality
Message-ID: <004201c05ef5\$343411c0\$10d9fc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Ron

I really have to agree with your comments on the 160m antennas. As a relative newby to 160m, I've been trying out various low-noise reception antennas, and can now hear much farther than I can transmit. I'm certainly impressed by the established stations that can make sense of a QRP signal, when they are weak themselves while running QRO power. Well, back to the drawing board. Just wait 'til next year :-)
3, Bob N6WG

Date: Tue, 5 Dec 2000 15:16:53 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "QRP" <qrp-1@lehigh.edu>
Subject: [85525] FS: Audio Filters
Message-ID: <001001c05ef8\$4f1d6240\$12775acf@erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Datong FL-2 works great - super filter \$50
Palomar FL-4 as new, continuously adjustable HPF.LPF and Notch with box and patch cables (no manual) (I believe it is a SCAF type filter) \$50
JPS NF-60 DSP Notch filter , one of the best external notch filters \$60

All plus shipping
Please email for more info

73
Tim
NZ8J

Date: Tue, 5 Dec 2000 13:28:03 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [85526] voltage converters
Message-ID: <001301c05f02\$40f75c20\$a2ddfc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A while back there was at least one thread on some chips that provide a voltage conversion up or down. I suspect they are a switcher on a chip. I'd like to convert 12v to about 100v. Does anyone know who makes these chips so I can check out their web site?
73, Bob N6WG

Date: Tue, 05 Dec 2000 16:28:06 EST
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [85527] WANTED - 2 m converter for R-599
Message-ID: <20001205.152501.4655.0.N5IB@juno.com>

Another campus department just surplused a pair of Kenwood R-599 receivers (part of the "Kenwood Twins" of days gone by). We will use them with the ham station we're putting in at our public observatory. Might anyone have a the 2 meter converter for this beast gathering dust somewhere.

BTW - the front panel of the R-599 touts the fact that it contains IC's and FET's !

Hmmm, might make a good Rx for the TT-2. I plan to have a working display of QRP rigs there.

Will have to restore the 40 and 15 m bands on the R-599. The previous users changed out the crystals to provide 6 and 16 MHz for oceanographic telemetry.

72
Jim N5IB
W5YW Louisiana State University

GET INTERNET ACCESS FROM JUNO!

Juno offers FREE or PREMIUM Internet access for less!

Join Juno today! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Tue, 5 Dec 2000 17:08:43 -0500

From: "Brian B. Riley, N1BQ" <n1bq@wulfden.org>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>, "KB1ENS John Wagner" <john@neknetwork.com>

Cc: "KM1Z Fran Flynn" <fflynn@together.net>, "Sara Riley" <sara@wulfden.org>

Subject: [85528] FOX Cub Hunt 12/4/2000 - Final Results

Message-ID: <LPBBJAGIPFHKPJENAKLOIEEIDCAA.n1bq@wulfden.org>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Time	Call	RST	Name	State	Power
0217	N4ROA		579 Dan	VA	5W
0224	W8YMO	559	Harry	OH	5W
0226	N8VAR		589 Ron	OH	5W
0234	AF4PS		599 Mac	FL	5W
0241	W0CH	579	Dave	MO	5W
0246	W9WIS	539	Mike	WI	4W
0253	K0EVZ		579 Doc	ND	5W
0258	K5DI	449	Karl	NM	5W
0303	K4BYF		559 Jack	FL	5W
0313	KI0II		559 Ron	CO	5W
0316	AF4LQ		559 Mike	KY	5W
0319	K9IUA		559 Kevin	ND	5W
0336	K4FB	559	Paul	FL	5W
0341	W4BWS	559	Don	FL	5W
0343	K0FY	559	Chuck	NE	5W
0348	KC8LTL		559 Ken	MI	5W
0352	N04D	229	Ken	SC	5W

I tweaked a few of the RSTs, and moved Karl back to New Mexico (hi!) and figured out (with Doc's help!) the K9FB is K9IUA after decoding my chicken scratches in my notebook. Here it is. Seventeen Q's/12 states. Thankyou all. Not a very high count but only tied for the lowest Fox ... for now ... wait til next time!!!

PS - The Bencher BY-1 I bought used from Roy Lincoln arrived today. The

White Rook 33 is being retired to ultra-light portable use ...
definitely there will not be as many extraneous dits/dahs next time
<grin>.

72 de brian, n1bq

--

N1BQ-3 @ 44 31.73N 072 51.55W
WideN-N digi and weather station in Underhill Center, VT
mailto:n1bq@wulfdn.org
AMSAT LM-1418 NJQRP #274
QRP-L #2276 Zombie #768

Date: Tue, 5 Dec 2000 15:00:48 -0800 (PST)
From: Ronnie Davis <ke4vpn@yahoo.com>
To: QRL List <qrp-l@Lehigh.EDU>
Subject: [85529] NA5N's The Electronic Data Book where can I buy it?
Message-ID: <20001205230048.24612.qmail@web617.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello

Thanks for reading message. Im looking to buy NA5N's
book " The Electronic Data Book for Homebrewers and
QRPer's" but I have no idea where to find one? Im
wanting to build a rig from scratch and think this
will be a great help to me. Thank you in advance and
please send emails direct to me.

Thanks

72 de ke4vpn

A Wanna Be CW Operator/Homebrewer

ARCI 10532
Fists 7577
Zombie 681

Do You Yahoo!?
Yahoo! Shopping - Thousands of Stores. Millions of Products.
<http://shopping.yahoo.com/>

Date: Tue, 5 Dec 2000 18:04:11 -0500
From: "Brian B. Riley, N1BQ" <n1bq@wulfden.org>
To: <ke4vpn@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [85530] RE: NA5N's The Electronic Data Book where can I buy it?
Message-ID: <LPBBJAGIPFHKPJENAKL00EEKDCAA.n1bq@wulfden.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Go to www.njqrp.org and select "links" and then select "HB Electronics"
they sell it for \$20

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Ronnie Davis
> Sent: Tuesday, December 05, 2000 18:01 PM
> To: Low Power Amateur Radio Discussion
> Subject: NA5N's The Electronic Data Book where can I buy it?

>
>

> Hello
> Thanks for reading message. Im looking to buy NA5N's
> book " The Electronic Data Book for Homebrewers and
> QRPers" but I have no idea where to find one? Im
> wanting to build a rig from scratch and think this
> will be a great help to me. Thank you in advance and
> please send emails direct to me.
> Thanks
> 72 de ke4vpn
> A Wanna Be CW Operator/Homebrewer

>
> ARCI 10532
> Fists 7577
> Zombie 681

>
> -----
> Do You Yahoo!?
> Yahoo! Shopping - Thousands of Stores. Millions of Products.
> <http://shopping.yahoo.com/>
>

Date: Tue, 5 Dec 2000 18:05:37 -0500 (EST)
From: Conway Yee <yee@bronze.lcs.mit.edu>
To: Ronnie Davis <ke4vpn@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [85531] Re: NA5N's The Electronic Data Book where can I buy it?
Message-ID: <Pine.NEB.4.05.10012051804300.20690-100000@bronze.lcs.mit.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Thanks for reading message. Im looking to buy NA5N's
> book " The Electronic Data Book for Homebrewers and
> QRPers" but I have no idea where to find one? Im

Try <http://www.bright.net/~kanga/kanga/misc1.htm>

Conway Yee

Date: Tue, 05 Dec 2000 14:20:41 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [85532] Re: NA5N - The Electronic Data Book - Index is available.
Message-ID: <3A2D7849.7DE781A1@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings from Alaska,

It has been a while since I posted this information.

On my website you will find an index for the NA5N The Electronic Data Book. Just print it out and then cut it to fit into the front of your book. You will need to number the pages of your book but that is only a one time thing. Just be sure you start numbering on the correct page.

I hope this helps. It made a big difference for me.

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
<http://www.qsl.net/al7fs/>

Date: Tue, 05 Dec 2000 16:38:53 -0700
From: Bob Hightower <nk7m@extremezone.com>
To: Alan <aadelma@yahoo.com>
Cc: qrp-l@lehigh.edu, elecrafft@qth.net
Subject: [85533] Re: fybo contest
Message-ID: <200012052333.QAA08637@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:58 AM 12/5/2000 -0800, you wrote:

>Bob --

>

>I assume alternative power does not include batteries,
>but only solar, wind, water, etc.?

>

Nope, batteries count...they are an alternate to AC Mains.

Bob Hightower NK7M
Chandler, AZ
SOC #20
K2 #157/255, K1 #41

<http://www.extremezone.com/~nk7m>

End of QRP-L Digest 2027

